

ABSTRACT

A dual camera arrangement for capturing a wide field image of a scene, composed of left and right overlapping fields of view, includes a first
5 camera having an optical section imaging the right field of view along its optical axis onto a first image sensor and a second camera having an optical section imaging a left field of view along its optical axis onto a second image sensor. A camera mount supports the first camera at an angle adjacent to the second camera such that their optical axes intersect between the camera mount and the captured
10 scene whereby the left side of the right field of view overlaps the right side of the left field of view. This creates an overlap region where the left and right fields of view obtained from the respective image sensors may be combined to form the wide field view of the scene.

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